

Title (en)
PROCESS FOR STRENGTHENING LEAD-ANTIMONY ALLOYS.

Title (de)
VERFAHREN ZUR VERSTÄRKUNG VON BLEI-ANTIMONLEGIERUNGEN.

Title (fr)
PROCEDE DE RENFORCEMENT D'ALLIAGES DE PLOMB-ANTIMOINE.

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Application
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Priority
US 71863085 A 19850401

Abstract (en)
[origin: WO8605821A1] A process for increasing the strength of antimony-lead alloys by specially treating an alloy which contains an effective amount of arsenic in the alloy, the process comprising working the alloy, rapidly heat treating the alloy, which includes quenching, for a period of time sufficient to activate a strengthening mechanism in the alloy. The process is especially useful for the manufacture of battery grids on a continuous production line.

IPC 1-7
C22F 1/12; **C22C 11/08**

IPC 8 full level
C22C 11/00 (2006.01); **C22C 11/08** (2006.01); **C22F 1/00** (2006.01); **C22F 1/12** (2006.01)

IPC 8 main group level
C22C (2006.01); **C22F** (2006.01)

CPC (source: EP KR US)
C22C 11/08 (2013.01 - EP US); **C22F 1/12** (2013.01 - EP KR US)

Citation (search report)

- [A] US 2499566 A 19500307 - BOUTON GEORGE M, et al
- [A] FR 2486102 A1 19820108 - ZAKLADY URZADZEN TECHNICZNYCH [PL]
- [A] GB 309629 A 19290415 - WESTERN ELECTRIC CO
- [A] CH 416122 A 19660630 - STOLBERGER ZINK AG [DE]
- [A] US 3008853 A 19611114 - HEINZ BORCHERS, et al
- See references of WO 8605821A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 8605821 A1 19861009; AU 5623586 A 19861023; AU 579722 B2 19881208; BG 48219 A3 19901214; BR 8606568 A 19870811; CA 1300930 C 19920519; CN 1011517 B 19910206; CN 86102039 A 19861015; DK 570586 A 19861127; DK 570586 D0 19861127; EP 0217857 A1 19870415; EP 0217857 A4 19890427; ES 553533 A0 19870616; ES 8706845 A1 19870616; JP S62502412 A 19870917; KR 880700095 A 19880215; KR 930009985 B1 19931013; MX 165590 B 19921125; SU 1579466 A3 19900715; US 4629516 A 19861216; US 4753688 A 19880628; YU 44571 B 19901031; YU 49086 A 19880630

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